



Australian Government

Assessment Requirements for NWPTRT028 Operate and control reclaimed water irrigation

Release: 1

Assessment Requirements for NWPTRT028 Operate and control reclaimed water irrigation

Modification History

Release 1. This is the first release of this unit of competency in the NWP National Water Training Package.

Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria on at least one occasion and includes:

- analysing critical aspects of reclaimed water reuse management relating to the project or site
- applying environmental policies, plans and procedures
- assessing environmental risks at the worksite
- identifying environment, health and safety risks and impact on soil, stock and operators
- identifying soil groups
- implementing reclaimed water reuse irrigation
- monitoring and managing soil
- monitoring, operating and controlling reclaimed water irrigation
- participating in and contributing to reviews of reclaimed water reuse procedures
- sampling and testing soil and water
- solving operational problems
- using safety and personal protective equipment (PPE)

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all the requirements of the elements and performance criteria and includes knowledge of:

- best management practices for the use of reclaimed water for irrigation purposes
- community and agency roles and responsibilities in monitoring water quality
- effects of weather and conditions on operation of site or plant
- environmental, landscape and ground structure of work area
- equipment operation, capacity and limitations
- interpretation and use of safety data sheets
- key characteristics of reclaimed water
- key principles of irrigation practices, including irrigation scheduling
- primary agencies involved in drinking water quality management
- reclaimed water usage licensing procedures and requirements
- relevant legislative requirements

- soil groups
- water hazardous agents and preventative strategies
- water quality performance indicators
- water supply system
- workplace procedures

Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment must include access to:

- relevant and appropriate materials, tools, equipment and personal protective equipment currently used in industry
- applicable documentation including legislation, regulations, codes of practice, workplace procedures and operation manuals.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=26336bc0-04e5-49d9-8c31-46c49b6a0037>